The SCMC of this Example was "CMC-2" identified in detail in the discussion of Example No. 3. The consistency was found to be 63 cc. per 100 grams, at 500 Brabenders units viscosity. The working characteristics and crack resistance were found to be acceptable for manual application of this joint compound in areas of high humidity.

It was also found that Example 15 can be varied by deleting the SCMC and reinstating the modified montmorillonite gel, so that the amount of attapulgus clay is 2.0 percent, and the amount of gel is 1.0 percent. The remaining 1.5 percent is used in increasing the filler. The resulting joint compound is acceptable if used at about 500 Brabender units.

Although the invention has been described in connection with certain preferred embodiments, it is not intended that it be limited thereto. For example, small amounts of asbestos when added to the invention will create an acceptable compound, provided the amount does not exceed the limits imposed by OSHA standards. Thus, it is intended that it cover all equivalents, alternate arrangements, and embodiments as may be included within the scope of the following claims.

What is claimed is:

- 1. A composition which when mixed with water 25 forms a non-leveling joint compound having properties suitable for use in finishing joints between wallboards even when free of asbestos fibers, comprising the following ingredients in amounts based on the total dry weight of the composition:
 - a filler selected from the group consisting of calcium carbonate and calcuim sulfate in an amount of between about 37 and 92 percent;
 - a binder in an amount of between about 1 and 7 percent:
 - attapulgus clay in an amount of between about 0.5 and 6 percent; and
 - at least one ingredient selected from the group consisting of:
 - a water-holding agent in an amount of between about 40 0.1 and 2.0 percent; and
 - a slip-inducing colloid in an amount of between about 0.1 and 2.9 percent selected from the group consisting of modified montmorillonite clay gel and xanthan gum.
 - 2. The composition as defined in claim 1, wherein

said water-holding agent is sodium carboxymethylcellulose having a degree of substitution less than about 0.7

- 3. The composition as defined in claim 3, comprising both said water-holding agent and said slip-inducing colloid.
- 4. The composition as defined in claim 3, wherein said slip-inducing colloid is modified montmorillonite clay gel.
- 5. The composition as defined in claim 3, wherein said slip-inducing colloid is xanthan gum.
- 6. The composition as defined in claim 3, wherein said water-holding agent is sodium carboxymethylcellulose having a degree of substitution less than about 0.7.
- 7. The composition as defined in claim 1, wherein said filler is calcium carbonate.
- 8. The composition as defined in claim 1, wherein said filler is calcium sulfate dihydrate.
- 9. The composition as defined in claim 1, wherein said filler is calcium sulfate hemihydrate.
- 10. The composition as defined in claim 1, wherein said binder is a polyvinyl acetate emulsion.
- 11. A ready-mixed non-leveling joint compound having properties suitable for use in coating joints between gypsum wallboards even when free of asbestos fibers, comprising the following ingredients in amounts based on the total dry weight of the composition:

water;

- a filler selected from the group consisting of calcium carbonate and calcium sulfate in an amount of between about 37 and 92 percent;
- a polyvinyl acetate emulsion in an amount of between about 1 and 7 percent;
- a slip-inducing colloid in an amount of between about 0.1 and 2.0 percent selected from the group consisting of modified montmorillonite clay gel and xanthan gum; and
- attapulgus clay in an amount of between about 0.5 and 6.0 percent.
- 12. The composition as defined in claim 11, additionally comprising sodium carboxymethylcellulose in an amount of between about 0.1 and 2.0 percent.

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